Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
Data File : BM021620.D
Acq On : 23 Jul 2019 20:49
Operator : HP/JU
Sample : K3890-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52J2MS

Quant Time: Jul 24 01:24:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	87781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	397609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	292715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	735153	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	909997	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1148095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	12577	7.81	ng/uL	0.00
5) Phenol-d5	6.88	99	64631	8.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	146059	33.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	167840	28.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	121721	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	107123	36.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	115918	36.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	228853	32.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	30372	4.45	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	944469	37.66	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1011207	33.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	23510	5.46	ng/ul	0.01
57) Fluorene-d10	15.35	176	818840	36.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	120202	26.11	ng/ul	0.00
70) Anthracene-d10	17.20	188	1447425	40.02	ng/ul	0.00
78) Pyrene-d10	19.50	212	1834480	41.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	2434692	39.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	67645	9.444	ng/ul	97
10) 2-Chlorophenol	7.27	128	168600	29.940	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.51	70	190849	40.643	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	244524	34.824	ng/ul	99
45) 2,6-Dinitrotoluene	13.77	165	5315	1.331	ng/ul#	37
49) Acenaphthene	14.41	153	720590	36.296	ng/ul	98
52) 4-Nitrophenol	14.59	109	24272	7.142	ng/ul	95
54) 2,4-Dinitrotoluene	14.74	165	265094	39.085	ng/ul#	85
68) Pentachlorophenol	16.75	266	228829	39.953	ng/ul	98
79) Pyrene	19.53	202	2391312	44.114	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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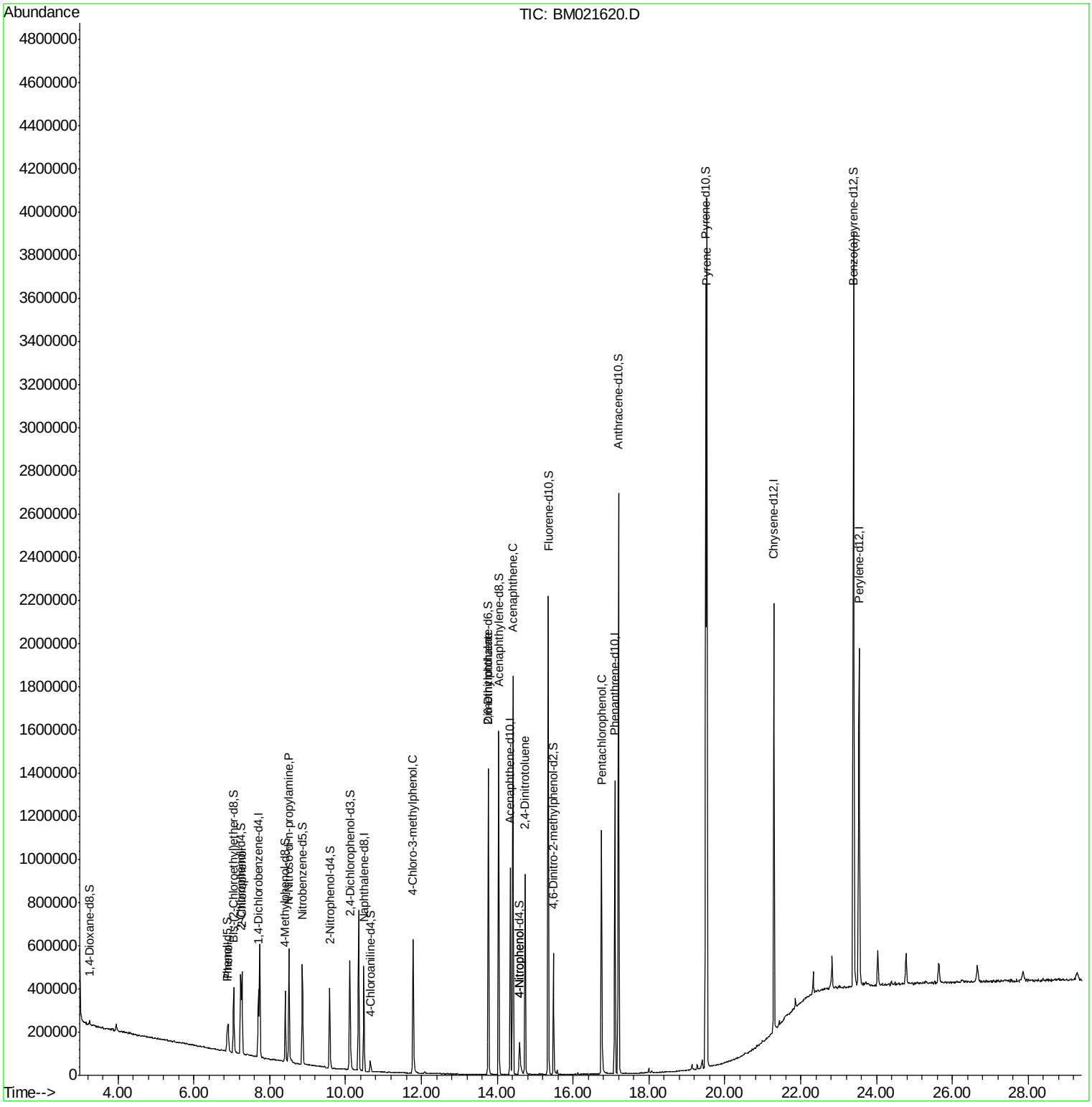
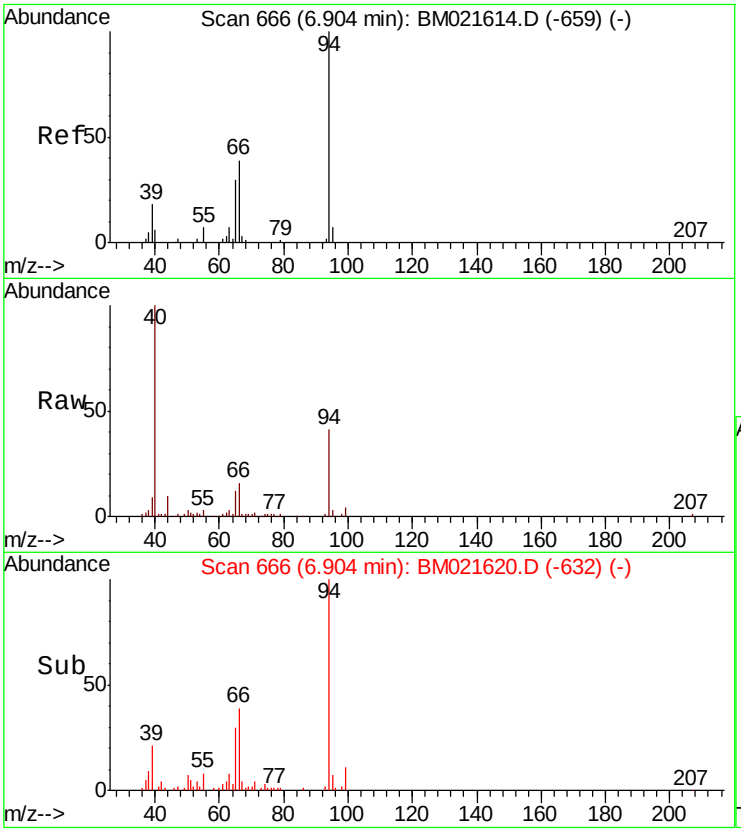


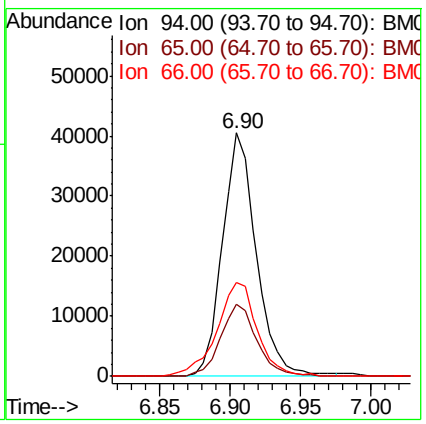


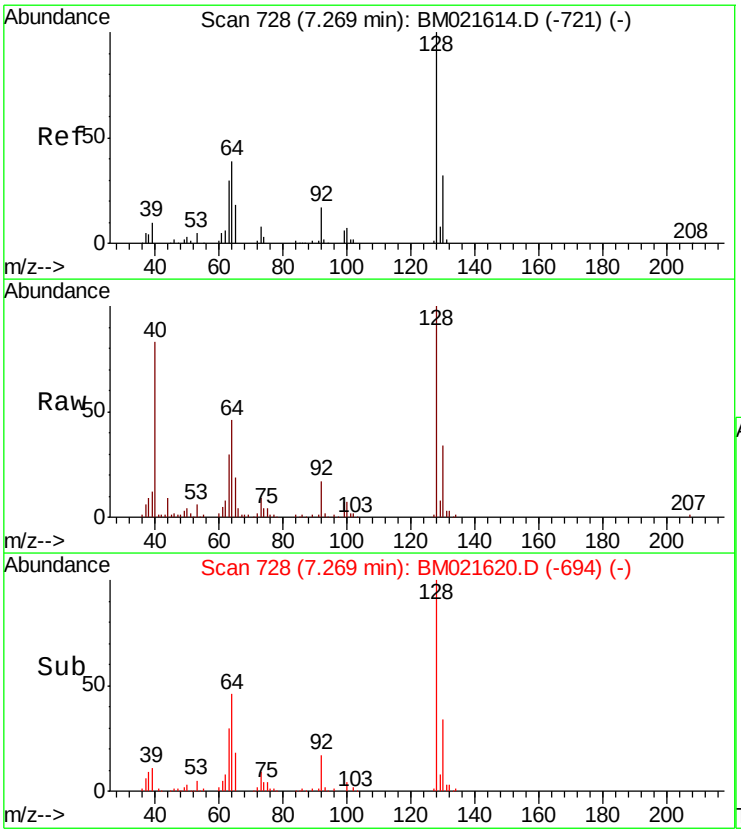
#6
Phenol
Concen: 9.444 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Instrument :
BNA_M
ClientSampleId :
A52J2MS

Tgt Ion: 94 Resp: 67645

Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.3	34.9
66	38.6	33.2	49.8

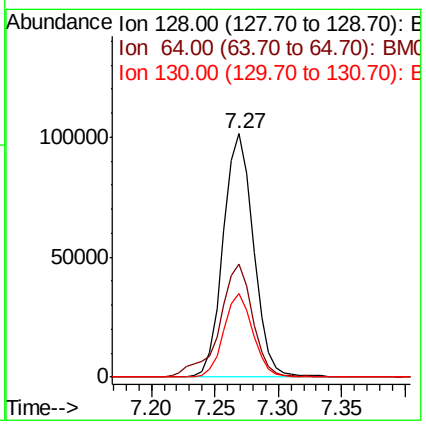


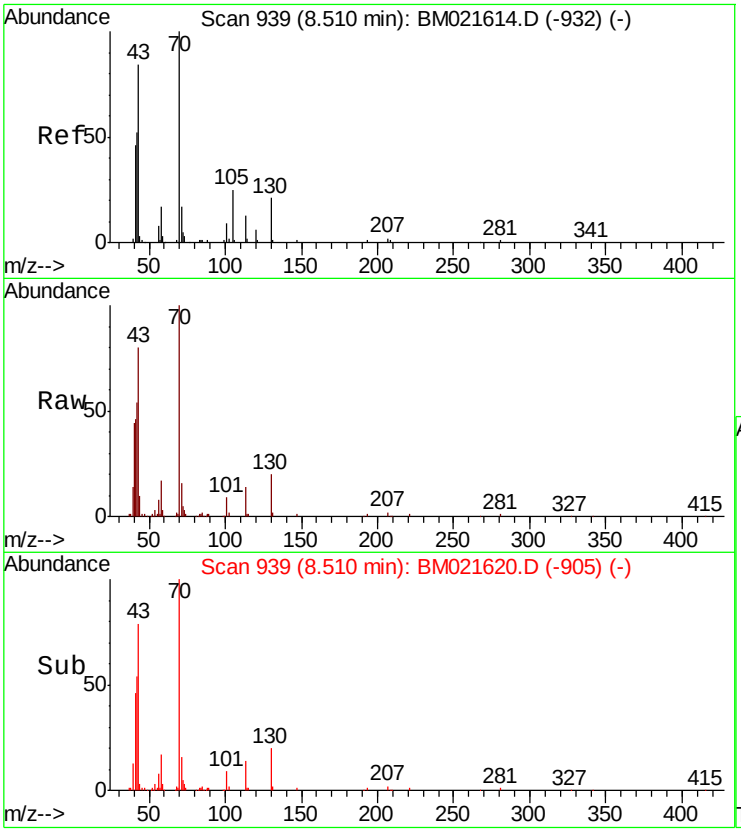


#10
2-Chlorophenol
Concen: 29.940 ng/ul
RT: 7.27 min Scan# 728
Delta R.T. 0.00 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Tgt Ion:128 Resp: 168600

Ion	Ratio	Lower	Upper
128	100		
64	46.2	35.2	52.8
130	34.2	24.7	37.1



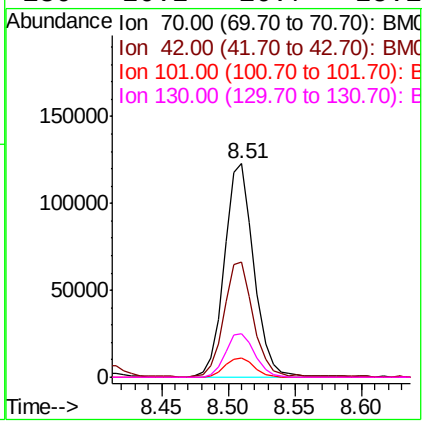


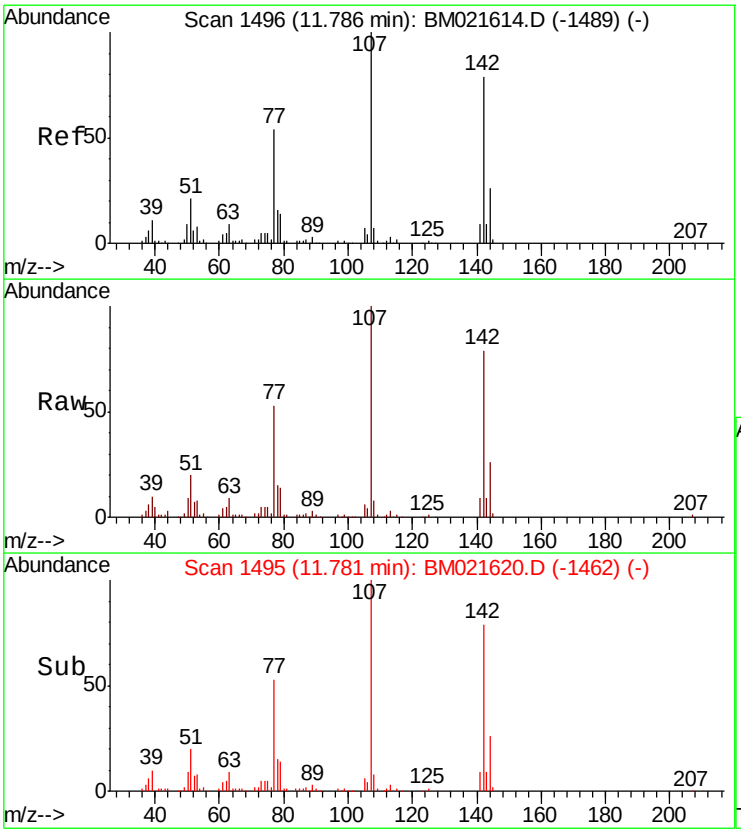
#15
N-Nitroso-di-n-propylamine
Concen: 40.643 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.00 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Instrument :
BNA_M
ClientSampleId :
A52J2MS

Tgt Ion: 70 Resp: 190849

Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.2	63.2
101	9.2	7.6	11.4
130	20.2	16.7	25.1

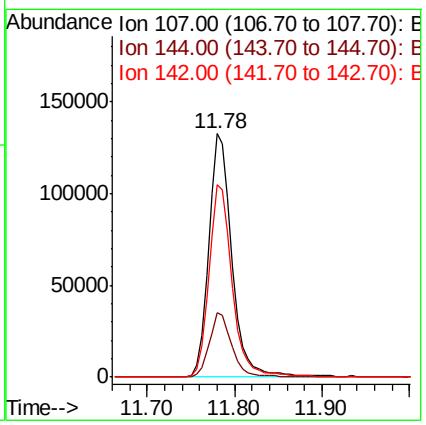


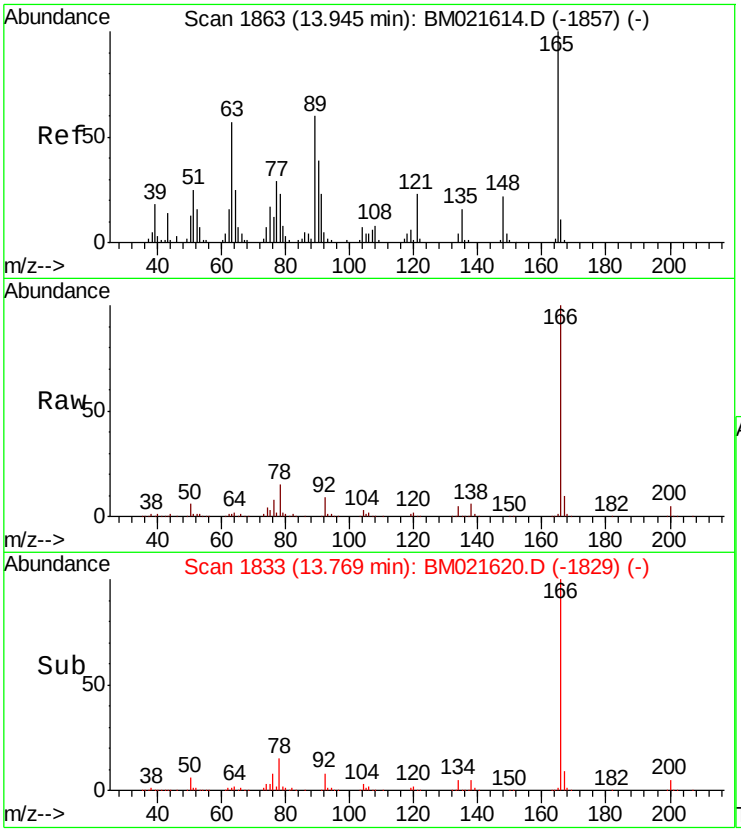


#33
4-Chloro-3-methylphenol
Concen: 34.824 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Tgt Ion:107 Resp: 244524

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.4
142	79.2	64.4	96.6



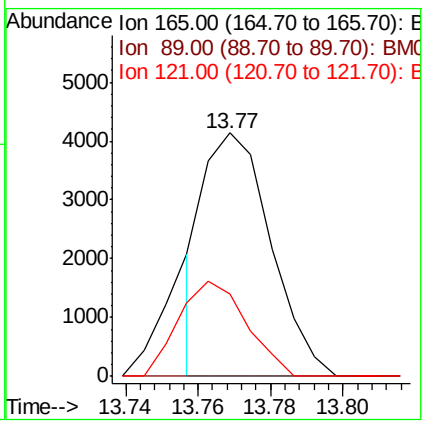


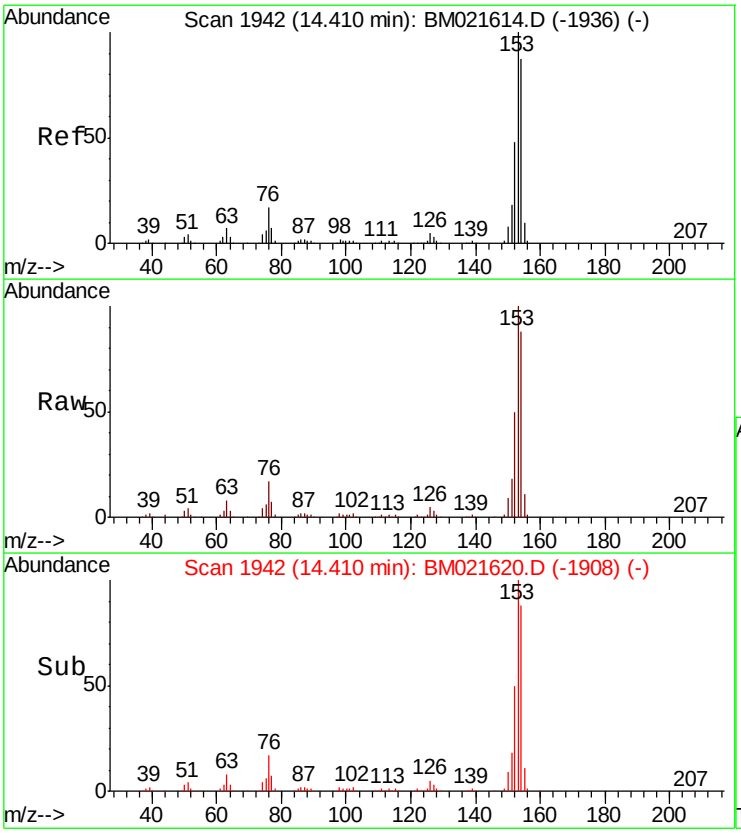
#45
2,6-Dinitrotoluene
Concen: 1.331 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.18 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Instrument :
BNA_M
ClientSampleId :
A52J2MS

Tgt Ion:165 Resp: 5315

Ion	Ratio	Lower	Upper
165	100		
89	0.0	47.4	71.0#
121	33.6	18.5	27.7#

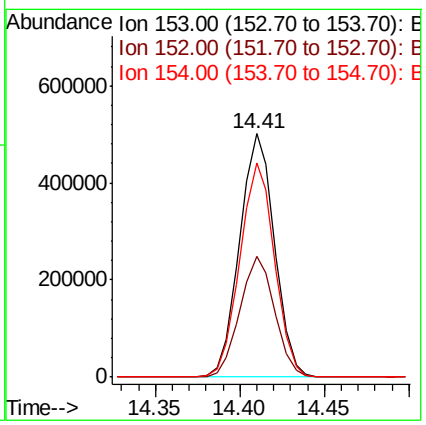


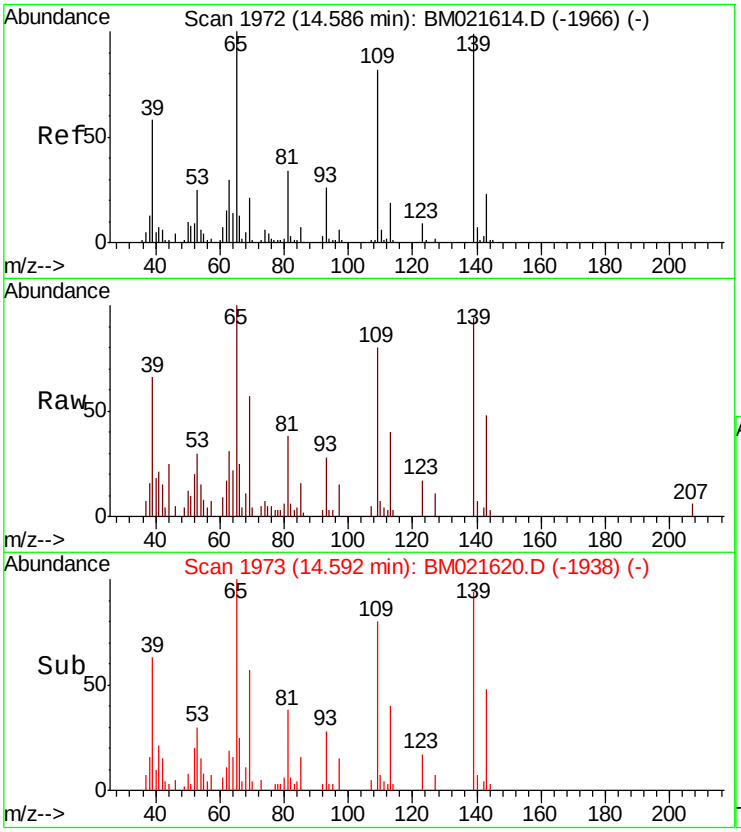


#49
Acenaphthene
Concen: 36.296 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Tgt Ion:153 Resp: 720590

Ion	Ratio	Lower	Upper
153	100		
152	49.8	38.6	57.8
154	88.2	69.0	103.4



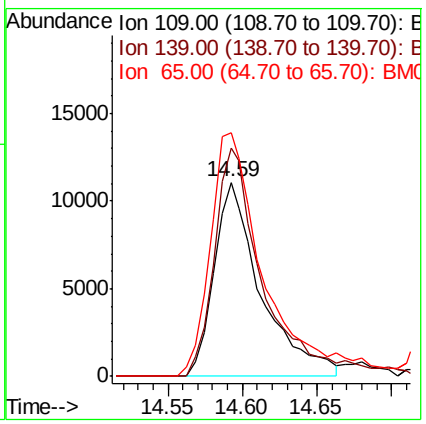


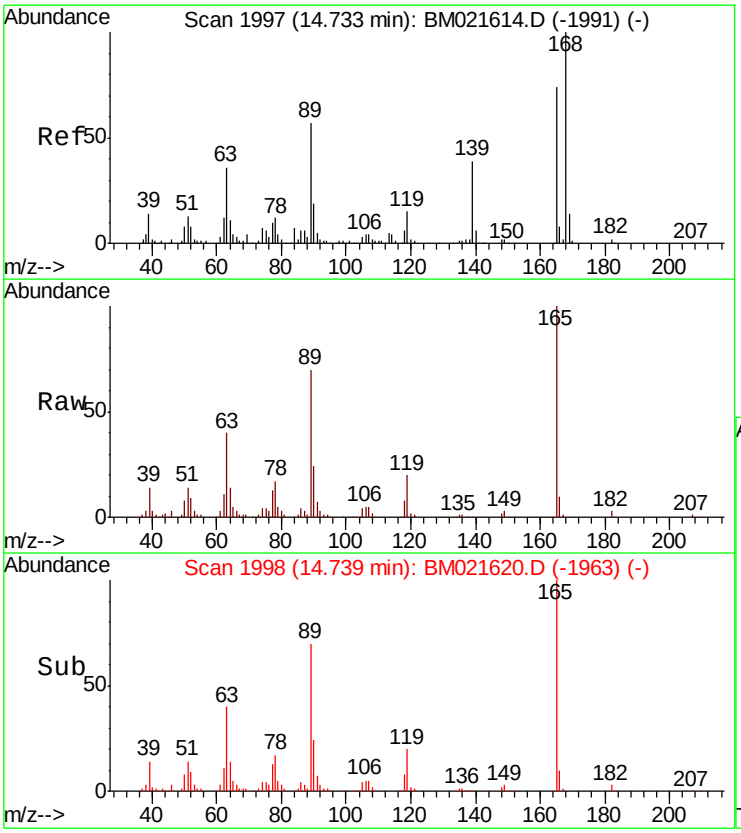
#52
4-Nitrophenol
Concen: 7.142 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Instrument :
BNA_M
ClientSampleId :
A52J2MS

Tgt Ion:109 Resp: 24272

Ion	Ratio	Lower	Upper
109	100		
139	117.9	98.8	148.2
65	125.5	105.1	157.7

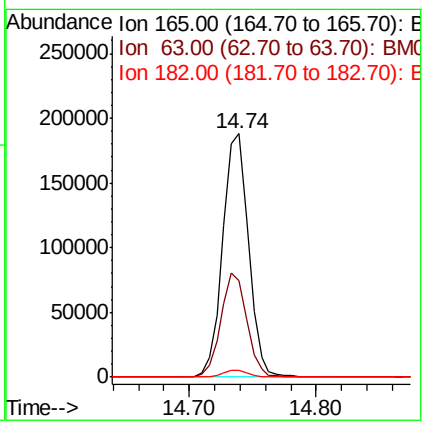


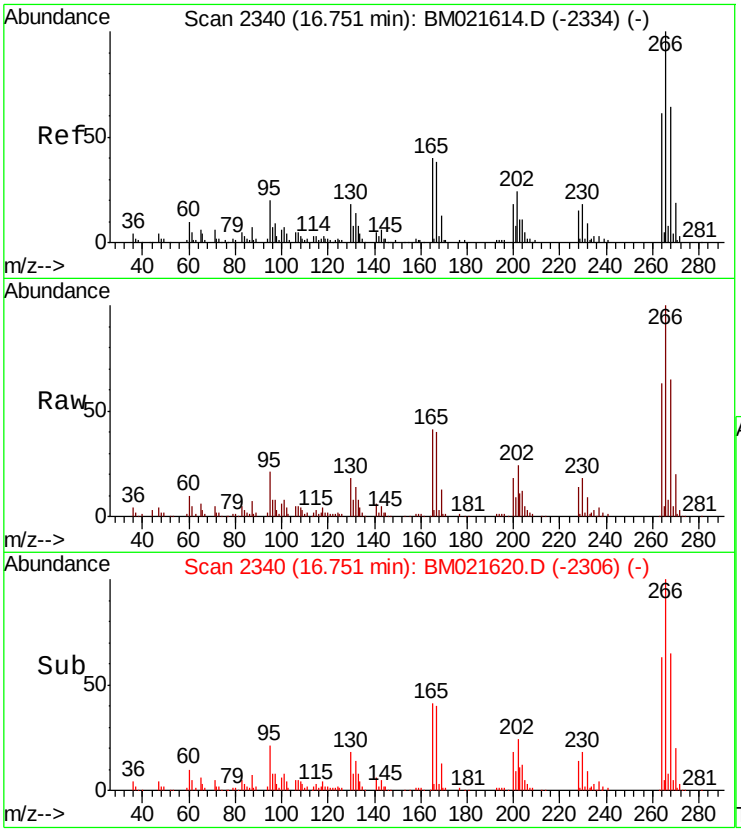


#54
2,4-Dinitrotoluene
Concen: 39.085 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Tgt Ion:165 Resp: 265094

Ion	Ratio	Lower	Upper
165	100		
63	39.9	40.4	60.6#
182	3.0	2.2	3.2



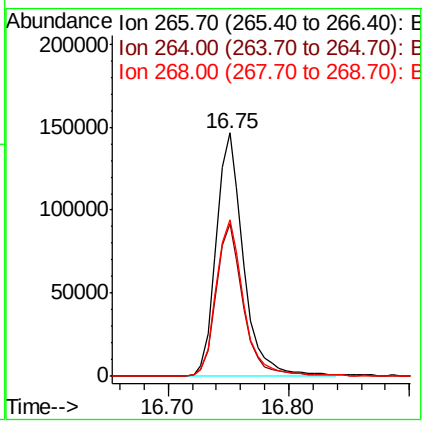


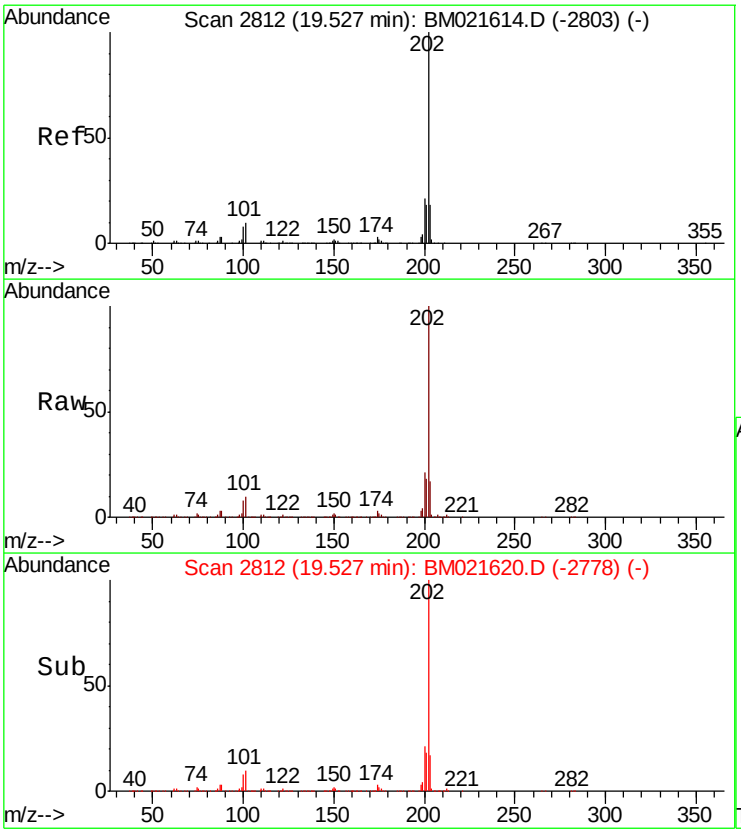
#68
Pentachlorophenol
Concen: 39.953 ng/ul
RT: 16.75 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Instrument :
BNA_M
ClientSampleId :
A52J2MS

Tgt Ion:266 Resp: 228829

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.9	76.3
268	64.6	49.7	74.5





#79
Pyrene
Concen: 44.114 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BM021620.D
Acq: 23 Jul 2019 20:49

Tgt Ion:202 Resp: 2391312

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	13.0
100	8.4	7.1	10.7